

Converting Colors

Hex(3D661B)

Have a look what the booklet for
Hex(3D661B) contains.

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Color

Hex(3D661B)

Conversions

Conversions Part 1

Format	Color
Hex	3D661B
RGB	61, 102, 27
RGB Percent	24%, 40%, 11%
CMY	0.7608, 0.6000, 0.8941
CMYK	0.40, 0.00, 0.74, 0.60
HSL	93°, 58%, 25%
HSV	93°, 74%, 40%
XYZ	6.8737, 10.5740, 2.7156
YIQ	81.1910, -0.3610, -32.0170

Conversions

Conversions Part 2

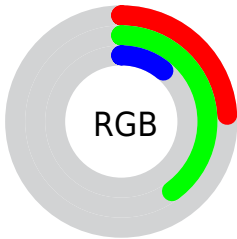
Format	Color
R_{YB}	27, 102, 68
Decimal	4023835
CIE _{Lab}	38.85, -28.12, 36.14
CIE _{LCh}	39, 45.794, 127.888
Yxy	10.5740, 0.3409, 0.5244
Android (android.graphics.Color)	4282213915 (0xFF3D661B)
YUV	81.1910, -26.7162, -17.7075
Hunter-Lab	32.5176, -19.1741, 17.8109

Details

The Hex color **3D661B** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **441B66**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **70994C**, and **0A3600** is the 20% darker color. If you saturate the color by 10%, you get **376611**, and if you desaturate by 10%, it is **436625**.

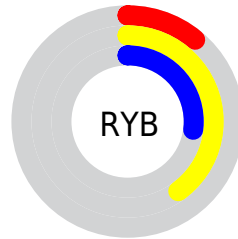
Distribution



Red (24%)

Green (40%)

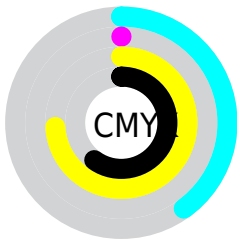
Blue (11%)



Red (11%)

Yellow (40%)

Blue (27%)

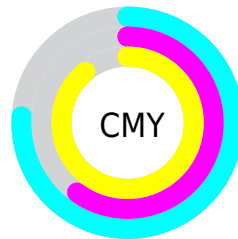


Cyan (40%)

Magenta (0%)

Yellow (74%)

Black (60%)



Cyan (76%)

Magenta (60%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D661B changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 3D661B by changing the saturation by 10% instead.

 3D661B

 3D661B

FFFFFF

 244E01

 70994C

 0A3600

 8AB464

 002200

 A6D07E

 000000

 C1EC99

 DEFFB4

 FBFFD0

 FFFFEC

 3D661B

 3D661B

■ 376611

■ 436625

■ 326607

■ 48662F

■ 2E6600

■ 4E663A

■ 536644

■ 59664E

■ 5E6658

■ 646662

■ 6A666D

■ 6F6677

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



655D02



3D661B



006B3E

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3D661B



0067A0



9E3653

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



3D661B



441B66

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



903D78



3D661B



0D5DA5

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



3D661B



006C88



694D97



994030

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



3D661B



006D58



694D97



9C3760

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



3D661B



758567



66431B



394231



C2C2C2



424242

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



3D661B



458510



1B661E



30332E



347300



6EF200

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



441B66



501085



661B64



312E33



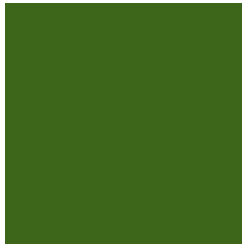
3F0073



8400F2

Previews

White Background



This preview shows how the Hex color 3D661B looks on a white background.

Color Contrast Check

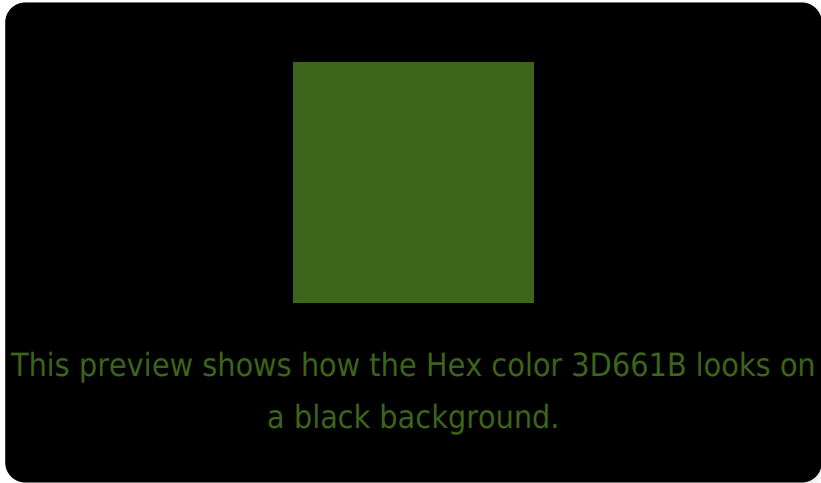
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

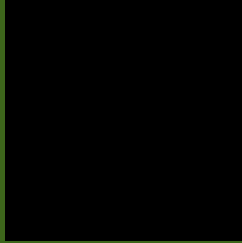
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3D661B Background



This preview shows how black text looks on a background with the Hex color 3D661B.



This preview shows how white text looks on a background with the Hex color 3D661B.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
3D661B

Protanopia
665B18

Deuteranopia
725721



Tritanopia
485F67

Trichromacy



Original Color
3D661B

Protanomaly
575F19

Deuteranomaly
5F5C1F

Tritanomaly
44624B

Monochromacy



Original Color
3D661B

Achromatopsia
515151

Achromatomaly
4A593D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D661B is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #3D661B looks like.

```
.text, #text, p{  
    color:#3D661B  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #3D661B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D661B
}
```

Border

The CSS property to change the border of an element to Hex 3D661B is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D661B }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#3D661B }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #3D661B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D661B; -webkit-box-shadow:4px 4px  
4px 4px #3D661B; box-shadow:4px 4px 4px  
4px #3D661B }
```

Background

The CSS property to change the background color of an element to Hex 3D661B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D661B }
```

If only the background color should be changed can be used:

```
.background{ background-color:#3D661B }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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